SMCA Performance Review

Contracting Index: *Technical Data Preparation*

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Technical Data Preparation

- New Metric to track & report timeliness in providing certified TDPs to support acquisition
  - TDP due date (AFLPU)
  - JCAPP requirement (120 days)
    - Notify Item/Product Manager & identify risk
    - Notify Item/Product Manager if problems uncovered that will prevent timely delivery
    - Need to work with Item/Product Managers to comply better

- Timelines
  - Clock starts when TDP request received in SAP
  - Clock stops when TDP certified and delivered to PPI
    - PPI is process to generate contract/SOW
      - Add CDRL, clauses, etc

- Workflow completed when TDP certified/delivered
  - TDP Certification is review to ensure:
    - Complete, accurate & current
    - Procurable (materials/sources available)
    - No banned/prohibitive chemicals, etc

Objective: Technical Data Preparation

- **Measure Name**: TDP timeliness - determine and report the timeliness of TDPs released in support of acquisition of ammunition.

- % certified TDPs released to PPI on or before AFLPU date when adequate time (120 days) is allowed for TDP certification.
  - **Green:** # of TDPs delivered within requirement is 75% or higher
  - **Amber:** # of TDPs delivered within requirement is less than 75% but more than 60%
    (60% > x < 75%)
  - **Red:** # of TDPs delivered within requirement is 60% or below

- **Measure Target**:
  - Green rating for each reporting period

Perspective: Contracting Index
Strategy: Report Technical Data Preparation
Measure Developer: ASIC-SED Measure Owner: SMCA
Executor

- Objective: Prepare and release good quality Technical Data Package (TDP) in a timely manner

- Objective Description:
  - Prepare, certify and release Ammo TDPs in a timely manner to support planned acquisition of ammunition.
  - Prepare, certify and release Ammo TDPs in good quality to support planned acquisition of ammunition.

- Measure Definition:
  - Purpose
    - Report a meaningful metric for Technical Data Preparation for the annual SMCA Performance Metrics.
  - Data Source
    - SED Technical Data Management Division
  - Frequency
    - Track Quarterly; Report Annually
  - Calculation Method
    - % TDPs released on or before its due date and within requirement
      - Requirement is 120 days (JCAPP chapter 9)

- Initiatives supporting the Objective:
  - TDP available within 30 days of request (ARDEC goal)
  - TDP requested no more than 150 days prior to the AFLPU date but no less than 120 days (120 days > PRON request < 150 days), or as negotiated for those TDPs requiring longer certification time period

- Performance Analysis: [provide an analysis of performance here]

Metric Analysis

- 83% within requirement
- 7% Cancelled
- 2% were 1 to 9 days late
  - TDP updated thru ECP process
  - Write/staff/approve Performance Specification
- 3% were 10 to 29 days late
  - TDP maintained outside ARDEC; request from external source
  - TDP had cancelled specification; required replacement
  - ARDEC data review/coordination
- 2% were 60 to 89 days late
  - TDP maintained outside ARDEC; request from external source
  - ARDEC data review/coordination
- 3% over 90 days late
  - TDP updated thru ECP process
  - ARDEC data review/coordination

Technical Data Preparartion (Contracting Index) assessed as Green (>75% within Req

Performance Improvements

- Better compliance with JCAPP requirement
- Feedback on how many procurement activities were late due to non-availability of TDPs
- Feedback on time to award contracts after TDPs are delivered
- Leading/Planning Metrics Vs Trailing Metrics
  - Number of anticipated TDP requests
    - What items
      - Timely assessment/review to update TDPs
        - » Planning/ESIP $$
        - » Technology Insertion, etc
        - » Industrial Base Status (SPFs, DMSMS, obsolescence)

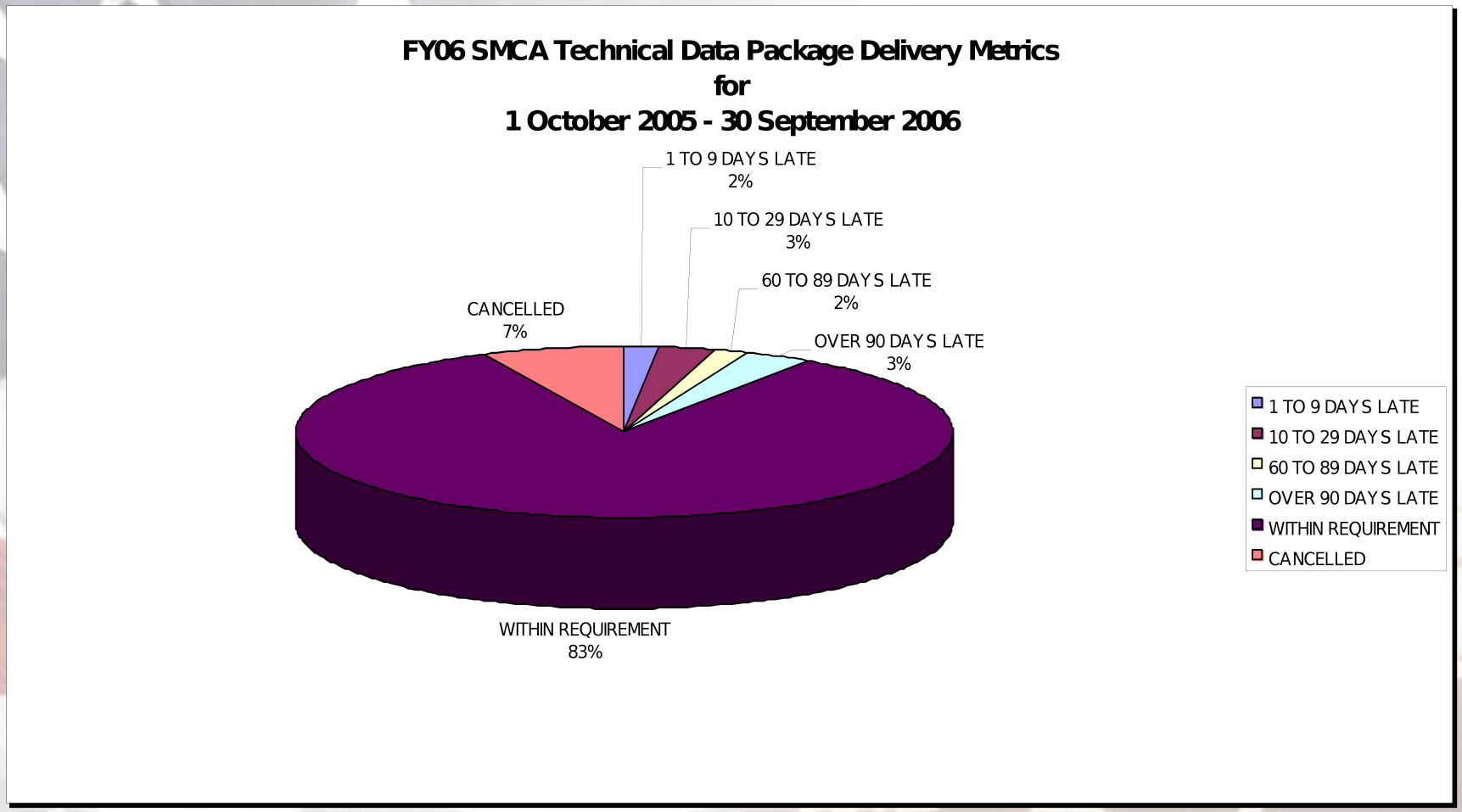
Back-up Slides

Certified TDP

- Certified TDP Includes:
  - TDP which was previously used to successfully produce the item
  - No missing drawing or specifications
  - All approved ECP's included in package
  - Specifically identified materials (i.e. chemicals) and components (i.e. electronic assemblies) in TPD can still be procured

- Does not include:
  - "How to" manufacturing instructions
  - Process controls

FY06 SMCA TDP Delivery Metrics



Metric Analysis

Category	Grand Total
1 TO 9 DAYS LATE	2
10 TO 29 DAYS LATE	3
60 TO 89 DAYS LATE	2
OVER 90 DAYS LATE	4
WITHIN REQUIREMENT	96
CANCELLED	8
Grand Total	115

Seq	PRON	WF Start Date	Due Date	WF completed date	Cust	Reasons for Lateness	Reason Cat	Total Days	Days Late with Adequate Review Time	Category
110	T18A0T264I	5/8/2006	9/5/2006	9/11/2006	JMC	Nothing annotated. (Needed to add 5 ECPs to TDP)	ECP	126	6	1 TO 9 DAYS LATE
104	R16A0R574A	3/20/2006	4/30/2006	7/19/2006	JMC	Conflict between RIA, Pkg and TD on how to package item. (MIL-PRF: new item; took approx 2 months to agree on packaging)	PERF	121	1	1 TO 9 DAYS LATE
105	R17A0R474A	4/3/2006	8/1/2006	8/22/2006	JMC	PRON was in the Lab for two months. (In Eng lab for approx 2 months; Army supplied engineering input, Navy supplied packaging input. Appears be coordination time)	EXT	141	21	10 TO 29 DAYS LATE
15	P06C02	1/12/2006	5/11/2006	6/5/2006	PICA	Nothing annotated. (In Eng lab for approx 2 months)	LAB	144	24	10 TO 29 DAYS LATE
89	4A7A0076M2	4/10/2006	7/31/2006	9/1/2006	JMC	TDP contained (9) cancelled specs for replacement-In Lab over 100 days. (Need to generate/find replacement Specs)	SPEC	144	24	10 TO 29 DAYS LATE
60	R16B0R454A	11/9/2005	4/1/2006	6/14/2006	SMCA	Item was sent to Crane for Tech Data (Crane TDP - request sent to Crane; Crane took 7 months to provide TDP)	EXT	217	74	60 TO 89 DAYS LATE
19	P06C11	2/13/2006	6/13/2006	8/21/2006	PICA	Engineering lab had PRON from 2/21/06 to 7/21/06 and QA lab had PRON from 7/21/06 to 8/18/06. (In Eng Lab for approx 5 months; In QA for approx 1 month)	LAB	189	69	60 TO 89 DAYS LATE
115	HH6A1068M2	2/13/2006	6/13/2006	00/00/0000	JMC	Cancelled	CAN	199	79	CANCELLED
6	P05C25	12/1/2005	3/31/2006	7/21/2006	PICA	Problems &Solutions #2 - Waiting for ECP R06J 2017 per Roger Wong. Submitted by J . Brennan 7/1806 (ECP approval took approx 5 months.)	ECP	232	112	OVER 90 DAYS LATE
7	P05C26	12/1/2005	12/31/2005	7/21/2006	PICA	Problems & Solutions #1 - Waiting for ECP R06J 2017 per Roger Wong. Submitted by J . Brennan 7/1806. (ECP approval took approx 5 months.)	ECP	232	112	OVER 90 DAYS LATE
9	P05C28	12/1/2005	12/31/2005	7/21/2006	PICA	Problems & Solutions #1 - Waiting for ECP R06J 2017 per Roger Wong. Submitted by J . Brennan 7/1806. (ECP approval took approx 5 months.)	ECP	232	112	OVER 90 DAYS LATE
8	P05C27	12/1/2005	12/31/2005	7/7/2006	PICA	Engineering lab had PRON from 12/15/05 to 6/28/06. (In Eng Lab for 6 months)	LAB	218	98	OVER 90 DAYS LATE